

## CLAIMS

1. A gasket for preventing high-temperature fluid of an internal combustion engine from leaking, the gasket being located between an adjacent pair of components of the engine, the gasket being **characterized by:**

a gasket plate made of an electrically insulating material, the gasket plate having a hole; and

an annular sealing member made of a material having a higher heat resistance than the gasket plate, wherein the annular sealing member covers part of the gasket plate that defines the hole.

2. The gasket according to claim 1, **characterized in that** the fluid is combustion gas generated as the engine operates.

3. The gasket according to claim 1 or 2, **characterized in that** the pair of the components are a cylinder block and a cylinder head, the cylinder block having a cylinder bore, and wherein the hole is formed to correspond to the cylinder bore.

4. The gasket according to any one of claims 1 to 3, **characterized in that** the electrically insulating material is a synthetic resin.

5. The gasket according to any one of claims 1 to 4, **characterized in that** the annular sealing member includes:

a pair of holding portions that hold the gasket plate in between; and

a coupler portion that couples the holding portions to each other in the hole.

6. The gasket according to claim 5, **characterized in that** the annular sealing member is formed by bending a plate member.

7. The gasket according to claim 5 or 6, **characterized by**  
a deformation restricting portion that restricts deformation  
of the annular sealing member along the thickness of the  
5 gasket plate.

8. The gasket according to claim 7, **characterized in that**  
the deformation restricting portion extends along the  
thickness of the gasket plate between the holding portions.

9. The gasket according to claim 8, **characterized in that**  
the deformation restricting portion has a length that is  
substantially equal to the thickness of the gasket plate.

10. The gasket according to any one of claims 7 to 9,  
**characterized in that** the deformation restricting portion is  
formed by bending part of one of the holding portions toward  
the other holding portion.

11. The gasket according to any one of claims 1 to 10,  
**characterized in that** the internal combustion engine has a  
cylinder, and the gasket plate is formed of a single plate  
member, the gasket further comprising:

a sensor for detecting a state in the cylinder, the  
25 gasket plate having a guide hole, wherein a lead extending  
from the sensor passes through the guide hole.

12. The gasket according to any one of claims 1 to 11,  
**characterized in that** the high heat resistance material is a  
30 stainless steel.